

CLAIMS

1. A remedy to be used in gene therapy of genetic diseases comprising an immunosuppressive agent and a gene responsible for genetic diseases.
2. The remedy to be used in gene therapy of genetic diseases according to claim 1, wherein the remedy contains a immunosuppressive agent and a gene responsible for genetic diseases.
3. The remedy to be used in gene therapy of genetic diseases according to claim 1 or 2, wherein the immunosuppressive agent has as an active ingredient an antagonist inhibiting the interaction between the receptor CD40L mediating the contact-dependent helper effector function on the surface of T cells and the receptor CD40 on the surface of antigen presenting cells.
4. The remedy to be used in gene therapy of genetic diseases according to claim 3, wherein the antagonist inhibiting the interaction is an anti-CD40L antibody.
5. The remedy to be used in gene therapy of genetic diseases according to any of claims 1 to 4, wherein the gene responsible for genetic diseases has a form of a viral vector or a naked DNA.
6. The remedy to be used in gene therapy of genetic diseases according to any of claims 1 to 5, wherein the genetic disease is a recessive genetic disease.

7. The remedy to be used in gene therapy of genetic diseases according to claim 6, wherein the recessive genetic disease is an autosomal recessive genetic disease.

8. A method for treating genetic diseases wherein the remedy to be used in gene therapy of genetic diseases according to any of claims 1 to 7 is used.

9. The method for treating genetic diseases according to claim 8, wherein the genetic diseases are pemphigus, recessive genetic epidermolysis bullosa hereditaria dystrophica, junctional epidermolysis hereditaria bullosa, hemidesmosome epidermolysis bullosa hereditaria or ichthyosis congenita.